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June 30, 2006

TO: Mr. Russell Hart, RPM
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

FROM: Mr. David Curnock, PM, SECOR International Incorporated 

RE: **MONTHLY PROGRESS REPORT/MEMORANDUM**
Area 9/10 Remedial Design
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, Illinois

Copies: Mr. Thomas Turner, Regional Counsel, USEPA Region V
Mr. Scott Moyer, Hamilton Sundstrand/United Technologies Corporation
Ms. Kathleen McFadden, United Technologies Corporation
Mr. Thomas Williams, PM, IEPA
Mr. Terry Ayers, IEPA

CURRENT MONTH PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Activities conducted in June 2006 consisted of preliminary remedial design activities, quarterly water level gauging activities, and jet fuel recovery operations in the eastern portion of the South Alley. The preliminary remedial design document will include the basis of design report, design calculations, the proposed site layout, applicable or relevant and appropriate regulations (ARARs), minimization of impacts, permits, design drawings, and technical specifications.

The remedial design will consist of air sparge (AS) points and soil vapor extraction (SVE) wells in the western portion of the South Alley along with excavation and associated activities in the Former Outside Container Storage Area (OSA). The AS and SVE remedial methods are those selected in the Record of Decision. The submittal of the Preliminary Remedial Design (30% Design) is planned for July 2006.

Any supplemental remedial activities beyond this design will be predicated on additional data or information gathered as access to areas within the building footprint becomes available. HS and USEPA will keep an open dialogue regarding the performance and timing of continued source identification activities for Area 9/10.

The operation and monitoring of hydrocarbon recovery of LNAPL (JP-4) from the recovery systems in the south alley continues. June activities consisted of monitoring of the recovery system operation. There was no measurable product in the three recovery wells (RW-1, RW-2 and RW-3R) when they were gauged on June 22, 2006. There was also no

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measurable product recovered in June. Groundwater levels were also gauged on June 22, 2006. Water levels have risen approximately 0.60 feet since March 2006.

FUTURE PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Future project activities anticipated for July 2006 and beyond include:

- Submittal of the Preliminary Remedial Design (30% Design)
- Internal (HS) development of specific projects and timelines associated with the facility realignment and communication of these final plans with USEPA.
- Continue collection of water and product level data from the groundwater monitoring network on a periodic basis (next event scheduled for September) and
- Operation, maintenance, and monitoring of the South Alley recovery well system and evaluation of the LNAPL (JP-4) presence and recovery rates will continue.

SAMPLE/TEST DATA SUBMITTALS:

The groundwater potentiometric surface map generated from the gauging event on June 22, 2006 is provided as Figure 1.

RD SCHEDULE UPDATE: *(attach updated schedule as necessary)*

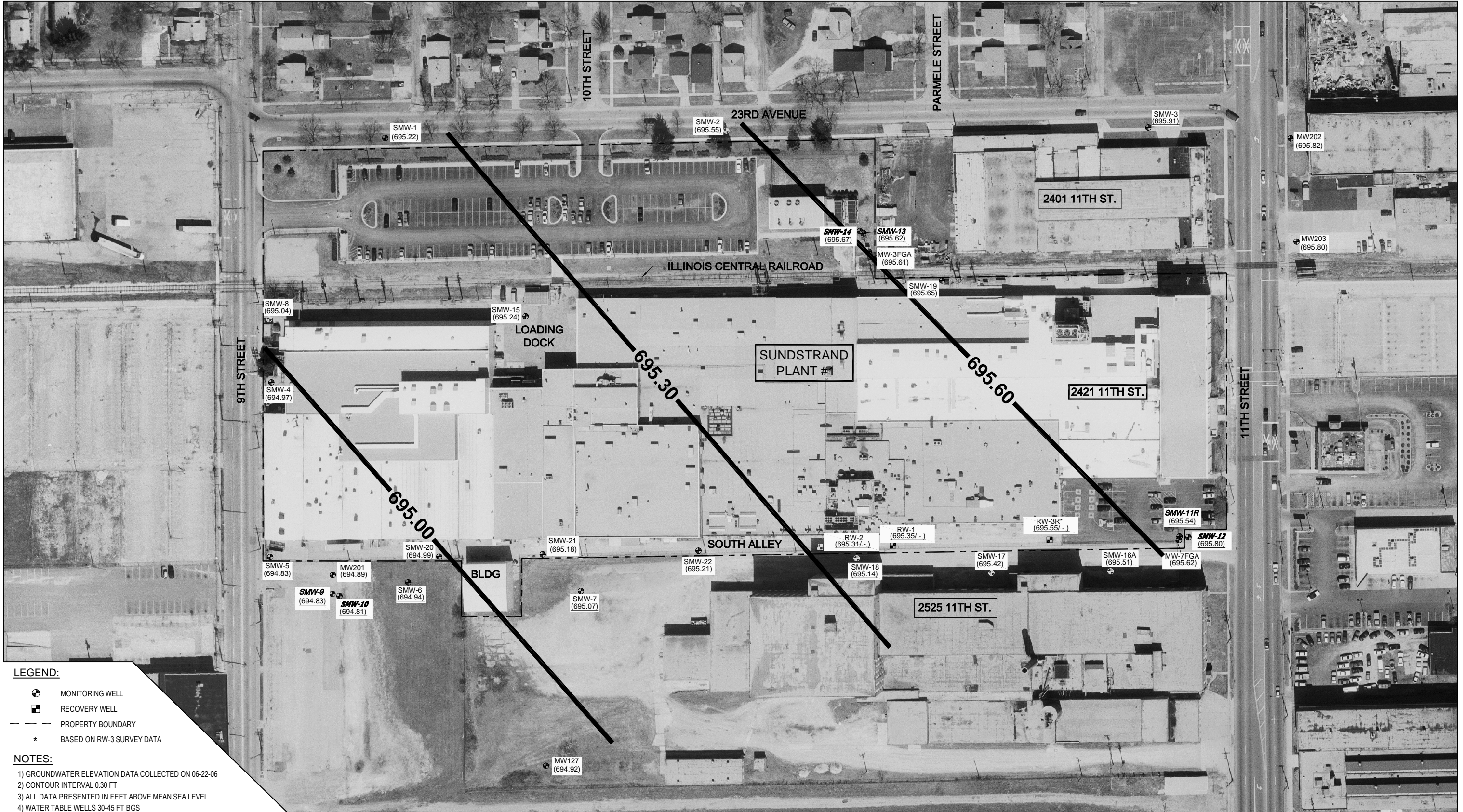
The Preliminary Remedial Design (30% Design) is scheduled for submittal in July 2006. The submittal of final Remedial Design (100%) is anticipated to be submitted in the fourth quarter of 2006. With the many changes going on at the facility and the opportunity for substantial site constraints to be removed as part of the facility realignment process, it is desired that an open dialogue regarding the performance and timing of the continued source identification and design issues for Area 9/10 be maintained at this time.

REALIZED/ANTICIPATED PROBLEM CONDITIONS:

None.

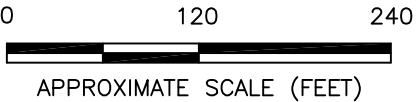
PERSONNEL CHANGES:


None.



- LEGEND:
- MONITORING WELL
 - RECOVERY WELL
 - PROPERTY BOUNDARY
 - * BASED ON RW-3 SURVEY DATA

- NOTES:
- 1) GROUNDWATER ELEVATION DATA COLLECTED ON 06-22-06
 - 2) CONTOUR INTERVAL 0.30 FT
 - 3) ALL DATA PRESENTED IN FEET ABOVE MEAN SEA LEVEL
 - 4) WATER TABLE WELLS 30-45 FT BGS
 - 5) MIDEVEL WELLS 80-100 FT BGS **SMW-9, SMW-11R, AND SMW-13**
 - 6) DEEP WELLS 120-140 FT BGS **SMW-10, SMW-12, AND SMW-14**
 - 7) 695.27 - WATER LEVEL ELEVATION
 - 8) 694.64/694.61 - PRODUCT ELEVATION/WATER LEVEL ELEVATION (-) IF NO PRODUCT MEASURED
 - 9) 694.83 - UNDERLINED VALUE EXCLUDED FROM POTENTIOMETRIC SURFACE EVALUATION
 - 10) BGS - BELOW GROUND SURFACE
 - 11) ONLY WELLS SCREENED AT THE TOP OF THE WATER TABLE (30-45 FEET BGS) USED FOR POTENTIOMETRIC EVALUATION. DATA FROM MIDEVEL, DEEP, PRODUCT WELLS, AND UNDERLINED DATA NOT USED.



 446 EISENHOWER LANE NORTH LOMBARD, ILLINOIS 60148 PHONE: (630) 792-1680 FAX: (630) 792-1691		FOR: HAMILTON SUNDSTRAND ROCKFORD, ILLINOIS		GROUNDWATER POTENTIOMETRIC SURFACE MAP JUNE 22, 2006		FIGURE 1
JOB NUMBER: 13UN.02072.04.0001		DRAWN BY: JC		CHECKED BY: KTW	APPROVED BY: DMC	DATE: 6-23-06